

Claims

1. Device for taking a high energy image of an object under examination into which an adjuvant can be inserted, comprising  
5 an imaging unit (2, 3, 6) for taking the high energy image and a control unit (7) which controls the taking of the high energy image,  
characterized in that the control unit (7) can be supplied with data concerning the adjuvant via an input device (9, 10,  
10 11) and that the control unit (7) sets operating parameters of the imaging unit (2, 3, 6) according to the adjuvant data.

2. Device according to Claim 1,  
characterized in that the control unit (7) combines the  
15 adjuvant data with the data concerning the object under examination.

3. Device according to Claim 1 or 2,  
characterized in that an identification code for the adjuvant  
20 used can be entered via an input device (9, 10, 11) and the associated data is stored in a memory (12) which the control unit (7) can access.

4. Device according to one of Claims 1 to 3,  
25 characterized in that the input device (9, 10, 11) is a scanner (11).

5. Device according to Claim 4,  
characterized in that the scanner (11) is a barcode reader.

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6. Device according to one of Claims 1 to 5,  
characterized in that the device can be switched to an operating condition optimized for displaying the adjuvant.

7. Use of a device according to one of Claims 1 to 6 in order to display a stent and an adjacent body region of the patient in an x-ray image.

5 8. Use of a device according to one of Claims 1 to 6 for displaying a contrast agent concentration in a patient's body in an x-ray image.

10 9. Method for taking a high energy image of an object under examination containing an adjuvant,  
wherein the taking of the high energy image by an imaging unit (2, 3, 6) is controlled by a control unit (7),  
characterized in that data concerning the medical adjuvant is  
15 fed into the control unit (7) and that operating parameters of the imaging unit (2, 3, 6) are set by the control unit (7) according to the medical adjuvant data.

10. Method according to Claim 9,  
20 characterized in that the data concerning the medical adjuvant is combined in the control unit (7) with data concerning the object under examination.